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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Currently amended)An apparatus for reading data encoded in a fault tolerant digital form printed in invisible ink on a surface of a card, said data being printed on the surface independently of surface bearing an other images on the surface, said apparatus comprising:
 - a) scanning means for scanning in said encoded fault tolerant digital form of said data on said surface:
 - b) means for processing said scanned data and for decoding said data into a secondary digital format;
 - c) means for outputting said secondary digital format to an output device with which said secondary digital format is usable;
 - d) said output device presenting said data in a human readable form.
- 2. (Original)An apparatus as claimed in claim 1 wherein said data is encoded in a fault tolerant digital form using a Reed-Solomon process and said means for processing and decoding said data includes means for processing said Reed-Solomon process.
- 3. (Original)An apparatus is claimed in claim 2 wherein said output device includes a display device.
- 4. (Original)An apparatus as claimed in claim 1 wherein said invisible ink is an infrared absorbing ink with negligible absorption in the visible spectrum.
- 5. (New)An apparatus as claimed in claim 1 wherein said data is printed to cover substantially the entire area of the at least one surface of the card.
- 6. (New)An apparatus as claimed in claim 1 wherein said data is printed with resolution of about 1600 dpi.

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7. (New)An apparatus as claimed in claim 6 wherein said scanning means include a sensor with resolution of at least 4800 dpi.